

Complete listing of the claims:

Claim 1 (Original): In a fluid flow control device of the type having a body, a fluid flow path defined in the body including an inlet, an outlet, and a valve seat between the inlet and outlet, and a valve member selectably movable in and out of engagement with the valve seat, the improvement comprising a filtering seal disposable in the fluid flow path upstream of the valve seat, the filtering seal comprising:

a base member which defines an inlet in fluid communication with the flow path's inlet, an outlet in fluid communication with the valve seat, and an axis between the base member's inlet and outlet;

an axial retainer surface formed on the base member;

a radial sealing surface formed on the base member and being engageable with the inlet of the control device body; and

a screen mounted on the base member in engagement with the retainer surface, the radial sealing surface being radially spaced from the screen a sufficient distance such that compression of the radial sealing surface will not compress the screen.

Claim 2 (Original): The filtering seal of claim 1 further comprising a plurality of locator members attached to the base member and engageable with the inlet of the control device body.

Claim 3 (Original): The filtering seal of claim 1 wherein the base member defines at its inlet a radial end face.

Claim 4 (Original): The filtering seal of claim 3 further comprising at least one boss protruding from the end face.

Claim 5 (Original): The filtering seal of claim 1 wherein the base member includes an axially-extending holder flange, with the axial retainer surface being defined on said holder flange.

Claim 6 (Original): The filtering seal of claim 1 wherein the base member includes a radially-extending sealing flange, with the radial sealing surface being defined on said sealing flange.

Claim 7 (Original): The filtering seal of claim 6 wherein the base member defines at its inlet a radial end face and the sealing flange has an end face which is coplanar with the end face of the base member.

Claim 8 (Original): The filtering seal of claim 7 further comprising a first boss protruding from the end face of the base member and a second boss protruding from the end face of the sealing flange.

Claim 9 (Original): The filtering seal of claim 1 further comprising a plurality of legs attached to the base member and extending therefrom, and a screen support member attached to

the legs.

Claim 10 (Original): The filtering seal of claim 9 wherein the screen support member further comprises an axial retainer surface in engagement with the screen, and a body sealing surface engageable with the control device body.

Claim 11 (Original): The filtering seal of claim 10 wherein the body sealing surface is arranged axially on the screen support member.

Claim 12 (Original): The filtering seal of claim 10 wherein the screen support member further comprises a bead having a radial surface adjacent an end of the screen.

Claim 13 (Original): The filtering seal of claim 1 wherein the base member has an annular shape.

Claim 14 (Original): The filtering seal of claim 13 wherein the axial retainer surface is formed on an outside diameter of the base member.

Claim 15 (Original): The filtering seal of claim 14 wherein the screen has a cylindrical portion the inside diameter of which is engaged with the axial retainer surface.

Claim 16 (Original): In a fluid flow control device of the type having a body, a fluid flow path defined in the body including an inlet, an outlet, and a valve seat between the inlet and outlet, and a valve member selectably movable in and out of engagement with the valve seat, the improvement comprising a filtering seal disposable in the fluid flow path upstream of the valve seat, the filtering seal comprising:

a base member which defines an inlet in fluid communication with the flow path's inlet, an outlet in fluid communication with the valve seat, and an axis between the base member's inlet and outlet;

an axial first retainer surface formed on the base member;

a radial sealing surface formed on the base member and being engageable with the inlet of the control device body;

a plurality of legs attached to the base member and extending therefrom;

a screen support member attached to the legs and including an axial second retainer surface and a body sealing surface engageable with the control device body; and

a screen mounted on the base member and the screen support member in engagement with the first and second retainer surfaces.

Claim 17 (Original): The filtering seal of claim 16 further comprising a plurality of locator members attached to the base member and engageable with the inlet of the control device body.

Claim 18 (Original): The filtering seal of claim 16 wherein the base member defines at its inlet a radial end face.

Claim 19 (Original): The filtering seal of claim 18 further comprising at least one boss protruding from the end face.

Claim 20 (Original): The filtering seal of claim 16 wherein the base member includes an axially-extending holder flange, with the first retainer surface being defined on said holder flange.

Claim 21 (Original): The filtering seal of claim 16 wherein the base member includes a radially-extending sealing flange, with the radial sealing surface being defined on said sealing flange.

Claim 22 (Original): The filtering seal of claim 21 wherein the sealing flange has an end face which is coplanar with the end face of the base member.

Claim 23 (Original): The filtering seal of claim 22 further comprising a first boss protruding from the end face of the base member and a second boss protruding from the end face of the sealing flange.

Claim 24 (Original): The filtering seal of claim 16 wherein the body sealing surface of the screen support member is arranged axially thereon.

Claim 25 (Original): The filtering seal of claim 16 wherein the screen support member further comprises a bead having a radial surface adjacent an end of the screen.

Claim 26 (Original): The filtering seal of claim 16 wherein the base member has an annular shape.

Claim 27 (Original): The filtering seal of claim 26 wherein the first and second retainer surfaces are formed on an outside diameter of the base member and the screen support member respectively.

Claim 28 (Original): The filtering seal of claim 27 wherein the screen is cylindrical and has its inside diameter in engagement with the first and second retainer surfaces.

Claims 29-36: (Cancelled)